

DEB/CAE/smm

April 27, 1999

PATENT APPLICATION  
Docket No.: CPI98-03p9MA



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Francis P. Tally, Jianshi Tao, Philip A. Wendler, Gene Connelly, and  
Paul L. Gallant  
Application No.: 09/227,687 Group: 1643  
Filed: January 8, 1999 Examiner: Not assigned  
For: METHOD FOR IDENTIFYING VALIDATED TARGET AND ASSAY  
COMBINATIONS FOR DRUG DEVELOPMENT

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231	
on <u>4.27.99</u>	<u>Susan McKinnon</u>
Date	Signature
<u>SUSAN MCKINNON</u>	
Typed or printed name of person signing certificate	

REQUEST FOR CORRECTED FILING RECEIPT

Customer Correction Branch  
Application Processing Division  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In view of the concurrently filed Declaration/Power of Attorney, we hereby request that the following items of information be corrected in the Filing Receipt for the subject application received in this office on February 2, 1999.

Correct the number of independent claims to "21". A copy of our firm's Claim Count sheet, indicating each independent claim, is enclosed for the convenience of the Patent Office.

In addition, please add the residential information for each of the inventors, and the priority information, as indicated on the enclosed Declaration/Power of Attorney document. Enclosed is a copy of the Filing Receipt with changes noted in red. Please make the changes as noted above, and issue a Corrected Filing Receipt.

Since the error in the claim count was made by the U.S. Patent and Trademark Office and not by Applicants or Applicants' Attorney, it is understood that there are no additional fees for the requested corrected Filing Receipt.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By Carol A. Egner  
Carol A. Egner  
Registration No.: 38,866  
Telephone: (781) 861-6240  
Facsimile: (781) 861-9540

Lexington, MA 02421-4799

Date: *April 27, 1999*

FILING RECEIPT



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTORNEY DOCKET NO.	DRWGS	TOT CL	IND CL
09/227,687	01/08/99	1643	\$0.00	CPI98-03P9MA	8	66	20

2/

DAVID E BROOK  
HAMILTON BROOK SMITH & REYNOLDS  
TWO MILITIA DRIVE  
LEXINGTON MA 02421-4799

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Application Processing Division's Customer Correction Branch within 10 days of receipt. Please provide a copy of the Filing Receipt with the changes noted thereon.

Applicant(s)

, LINCOLN, MA; , NORTH ANDOVER, MA; , SUDBURY, MA  
FRANCIS P. TALLY; JIANSHI TAO; PHILIP A. WENDLER; GENE  
CONNELLY; PAUL L. GALLANT  
, WALTHAM, MA; , DEDHAM, MA.

FOREIGN FILING LICENSE GRANTED 01/27/99

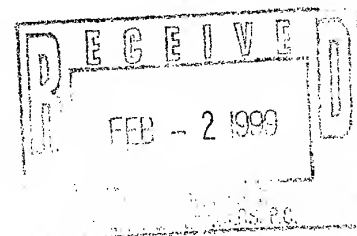
TITLE

METHOD FOR IDENTIFYING VALIDATED TARGET AND ASSAY COMBINATIONS FOR  
DRUG DEVELOPMENT

PRELIMINARY CLASS: 435

CONTINUING DATA AS CLAIMED BY APPLICANT

PROVISIONAL APPLICATION NO. 60/070,965 01/09/98  
PROVISIONAL APPLICATION NO. 60/076,638 03/03/98  
PROVISIONAL APPLICATION NO. 60/081,753 04/14/98  
PROVISIONAL APPLICATION NO. 60/085,844 05/18/98  
PROVISIONAL APPLICATION NO. 60/089,828 06/19/98  
PROVISIONAL APPLICATION NO. 60/094,698 07/30/98  
PROVISIONAL APPLICATION NO. 60/100,211 09/14/98  
PROVISIONAL APPLICATION NO. 60/101,718 09/24/98  
PROVISIONAL APPLICATION NO. 60/107,751 11/10/98



DATA ENTRY BY: DILLON, LAWANDA

TEAM: 03 DATE: 01/27/99



COPY

CPI98-03p9MA

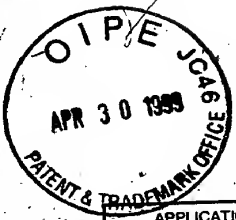
1 <u>I</u>	26 D	51 D	76
2 D	27 D	52 D	77
3 D	28 <u>I</u>	53 D	78
4 D	29 D	54 D	79
5 D	30 D	55 <u>I</u>	80
6 <u>I</u>	31 D	56 <u>I</u>	81
7 <u>I</u>	32 D	57 <u>I</u>	82
8 <u>I</u>	33 <u>I</u>	58 <u>I</u>	83
9 D	34 D	59 <u>I</u>	84
10 D	35 <u>I</u>	60 D	85
11 <u>I</u>	36 D	61 D	86
12 <u>I</u>	37 D	62 D	87
13 <u>I</u>	38 D	63 D	88
14 D	39 D	64 <u>I</u>	89
15 D	40 <u>I</u>	65 D	90
16 D	41 D	66 D	91
17 D	42 D	67	92
18 <u>I</u>	43 D	68	93
19 D	44 D	69	94
20 D	45 <u>I</u>	70	95
21 D	46 D	71	96
22 D	47 D	72	97
23 <u>I</u>	48 D	73	98
24 D	49 D	74	99
25 D	50 <u>I</u>	75	100

Total: 66

Indep: 21

# HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

<b>FEE TRANSMITTAL FOR PATENT APPLICATIONS</b>		Attorney Docket Number		CPI98-03p9MA	
		Application Number		09/227,687	
		First Named Inventor		Francis P. Tally	
CLAIM CALCULATION (includes any preliminary amendment)					
CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTENDED	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS (37 CFR 1.16(c) or (j))	66 - 20 =	46	x \$ 18 =	\$ 828.00
	INDEPENDENT CLAIMS (37 CFR 1.16(b) or (j))	21 - 3 =	18	x \$ 78 =	\$1,404.00
	MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d))			+ \$ 260 =	\$
				BASIC FEE (37 CFR 1.16(a))	\$ 760
				Total of above Calculations =	\$2,992.00
	Reduction by 50% for filing by small entity (37 CFR 1.9, 1.27, 1.28) =				\$
				TOTAL =	\$ 2992.00
	Surcharge - Late Filing of Declaration or Filing Fees (37 C.F.R. 1.16(e)) =				\$ 130.00
	Petition for Extension of Time Fee (37 C.F.R. 1.17) =				\$ 110.00
	Assignment Recordation Fee = (only when filed with application)				\$
	* Reissue claims in excess of 20 and over original patent.				
	** Reissue independent claims over original patent			TOTAL =	\$3,232.00
<p>1. Small entity status:</p> <p>a. <input type="checkbox"/> A small entity statement is enclosed.</p> <p>b. <input type="checkbox"/> A small entity statement was filed in the prior non-provisional application and such status is still proper and desired.</p> <p>c. <input type="checkbox"/> Is no longer claimed.</p> <p>2. <input checked="" type="checkbox"/> A general authorization is hereby granted to charge deposit account number 08-0380 for any fees required under 37 CFR 1.16 and 1.17 in order to maintain pendency of this application. A copy of this authorization is enclosed for accounting purposes.</p> <p>3. <input checked="" type="checkbox"/> A check is enclosed for \$ <u>3,232.00</u> <input type="checkbox"/> Please charge \$ _____ to Deposit Account No. 08-0380.</p> <p>4. <input type="checkbox"/> Other: _____</p>					
05/04/1999 CVDACHA 00000007 09227687					
01 FC: 15 110.00 BP					
Signature		<i>Carol A. Egner</i>		Date	<i>April 27, 1999</i>
Submitted by Typed or Printed Name		Carol A. Egner		Reg. Number	38,866



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
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09/227,687 01/08/99 TALLY

F CP198-03P9MA

0232/0128

DAVID E BROOK  
HAMILTON BROOK SMITH & REYNOLDS  
TWO MILITIA DRIVE  
LEXINGTON MA 02421-4799

NOT ASSIGNED

1643  
DATE MAILED:

01/28/99

### NOTICE TO FILE MISSING PARTS OF APPLICATION Filing Date Granted

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file all required items and pay fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the SURCHARGE set forth in 37 CFR 1.16(e) of ☐ \$65.00 for a small entity in compliance with 37 CFR 1.27, or ☒ \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

If all required items on this form are filed within the period set above, the total amount owed by applicant as a

☐ small entity (statement filed) ☐ non-small entity is \$ 1877.00

☒ 1. The statutory basic filing fee is:

- ☒ missing  
☐ insufficient

Applicant must submit \$ 760.00 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).

☒ 2. Additional claim fees of \$ 1117.00, including any multiple dependent claim fees, are required.

\$ 289 for 17 independent claims over 3.

\$ 828 for 46 dependent claims over 20.

\$ \_\_\_\_\_ for multiple dependent claim surcharge.

Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.

☒ 3. The oath or declaration:

- ☐ is missing or unexecuted.  
☐ does not cover the newly submitted items.  
☐ does not identify the application to which it applies.  
☐ does not include the city and state or foreign country of applicant's residence.

An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.

☐ 4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.

A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.

☐ 5. The signature of the following joint inventor(s) is missing from the oath or declaration:

An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the inventor(s), identifying this application by the above Application Number and Filing Date, is required.

☐ 6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).

☐ 7. Your filing receipt was mailed in error because your check was returned without payment.

☐ 8. The application does not comply with the Sequence Rules.  
See attached "Notice to Comply with Sequence Rules 37 CFR 1.821-1.825."

☐ 9. OTHER:

Direct the reply and any questions about this notice to "Attention: Box Missing Parts"

**A copy of this notice MUST be returned with the reply.**

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

05/04/1999 CUBRCH 00007905 03227687  
01 FC:101 760.00  
02 FC:103 828.00  
03 FC:105 130.00  
04 FC:102 1404.00

Box 509/Section 8



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Francis P. Tally, Jianshi Tao, Philip A. Wendler, Gene Connelly, and  
Paul L. Gallant

Application No.: 09/227,687                      Group: 1643

Filed: January 8, 1999                      Examiner: Not Assigned

For: METHOD FOR IDENTIFYING VALIDATED TARGET AND ASSAY COMBINATIONS  
FOR DRUG DEVELOPMENT

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231	
on <u>4-27-99</u>	<u>Susan McKinnon</u>
Date	Signature
<u>SUSAN MCKINNON</u>	
Typed or printed name of person signing certificate	

REPLY TO NOTICE TO FILE MISSING PARTS OF APPLICATION

Box Missing Parts  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In reply to the Notice to File Missing Parts dated January 28, 1999, the following documents and fees are being submitted for filing in the captioned application:

- [X] **EXECUTED DECLARATION/POWER OF ATTORNEY** - A copy of the Notice is attached.  
(Separate transmittal letter and postcard not required)
- [X] **FILING FEE** - with Fee Transmittal for Patent Applications in duplicate.  
(Separate transmittal letter and postcard not required)
- [X] **SURCHARGE** - surcharge fee of \$130.  
(Separate transmittal letter and postcard not required)
- [X] **SEQUENCE LISTING** - Filed concurrently and is attached.  
(Separate transmittal letter and postcard required)

**[ X ] PETITION FOR EXTENSION OF TIME**

**[ X ]** Applicant hereby petitions to extend the time to respond to the Notice to File Missing Parts dated 1-28-99 for 1-month from 3-28-99 to 4-28-99. The appropriate fee of \$110 is included in the enclosed check.

**[ ]** A **[ ]** month extension of time to respond to the Notice to File Missing Parts dated **[ ]** was filed on **[ ]** with payment of a \$**[ ]** fee.

**[ ]** Applicant hereby petitions for an additional **[ ]** month extension of time to respond to the Notice to File Missing Parts. The appropriate fee of \$**[ ]** is included in the enclosed check.

*(Separate Petition for Extension of Time and postcard not required)*

**[X] REQUEST FOR CORRECTED FILING RECEIPT - Filed concurrently and is attached.**

*(Separate transmittal letter and postcard required)*

**[ ] VERIFIED STATEMENT CLAIMING SMALL ENTITY STATUS**

**[ ]** Was filed on **[ ]**.

**[ ]** Is enclosed herewith.

*(Separate transmittal letter and postcard not required)*

**[ ]** In view of the small entity status of the captioned application, we hereby request a reimbursement of 50% of the filing fees in the amount of \$**[ ]** which were paid on **[ ]** to be deposited in Deposit Account No. 08-0380.

The fees required for filing the indicated documents are enclosed in the form of a check in the total amount of \$3232. Authorization is hereby granted to charge any additional fees due to Deposit Account No. 08-0380. A copy of this letter is enclosed for accounting purposes.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By Carol A. Egner  
Carol A. Egner  
Registration No.: 38,866  
Tel.: (781) 861-6240  
Fax: (781) 861-9540

Lexington, Massachusetts 02421-4799

Date: April 27, 1999